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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 14-05-2015**

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to Sapthagiri Layout 1st, 2nd, 3rd and 4th Cross Roads in Ward No.09, Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 12-05-2015

Sample supplied to lab by : Sri.B.B.Umesh, Contractor, Bangalore

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.00**	95-100
26.50	**---**	-
22.40	**74.00**	60-80
11.20	**45.00**	40-60
4.75	**39.00**	25-40
2.36	**26.10**	15-30
0.600	**18.70**	8-22
0.075	**5.00**	0-8

*As Furnished by Client.

The Results relate only to the items tested.

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 17-06-2015

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements and asphalting to Sapthagiri Layout 1st, 2nd, 3rd and 4th Cross Roads in Ward No.09, Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 15-06-2015

Sample supplied to lab by : Sri.B.B.Umesh, Contractor, Bangalore

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore

TEST RESULTS:

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.04 %**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.30**	90—100
4.75	**46.30**	35—51
2.36	**32.00**	24—39
1.18	**22.00**	15—30
0.3	**14.00**	09—19
0.075	**5.00**	03—08

* As furnished by Client.

The Results relate only to the items tested.

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17/06/2015
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Accepted
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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